



## PP-H 4000x2000x6 mm grÃ¥

Artikelnr P1200923

Kategori PP

### Tekniska egenskaper

#### Density & Weight

Egenskap	VÃrde	Enhet	Provningsstandard
Density	0.91	g/cmÃ³	ISO 1183

#### Tensile Properties

Egenskap	VÃrde	Enhet	Provningsstandard
Tensile Strength	36	MPa	ISO 527
Modulus of elasticity (tensile)	1700	MPa	ISO 527-2
Breakdown Voltage	30	MPa	ISO 527
Break Elongation	8	%	ISO 527-2

#### Temperature Limits

Egenskap	VÃrde	Enhet	Provningsstandard
Melting point	161	Ã°C	DIN EN ISO 11357
Maximal operating temperature (short-term)	127	Ã°C	UL746B
Maximum Operating Temperature	80	Ã°C	
Minimum temperature	-7	Ã°C	
Heat deflection temperature (HDT/A)	54	Ã°C	ISO 75
Heat deflection temperature (HDT/B)	90	Ã°C	ISO 75
Vicat softening temperature (VST/B/50)	50	Ã°C	ISO 306

#### Insulation Properties

Egenskap	VÃrde	Enhet	Provningsstandard
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Egenskap	V�rde	Enhet	Provningsstandard
Dielectric Strength	40	kV/mm	IEC 60243-1
Volume Resistivity	10���	��	DIN EN 62631-3-1
Dielectric Constant (1 MHz)	2.4	-	IEC 60250
Dielectric loss factor (1 MHz)	13.4	-	IEC 60250
Dielectric loss factor (100 Hz)	0.0	-	IEC 60250

### Fire Classification

Egenskap	V�rde	Enhet	Provningsstandard
Flammability Classification (UL 94)	60695		UL 94

### Flexural Properties

Egenskap	V�rde	Enhet	Provningsstandard
Flexural Strength	37	MPa	DIN EN ISO 527-2

### Thermal Conductivity

Egenskap	V�rde	Enhet	Provningsstandard
Thermal Conductivity	0.27	W/(m�K)	ISO 22007-4

### Static spread

Egenskap	V�rde	Enhet	Provningsstandard
Surface Resistivity	10���	��	IEC 60093
Comparative Tracking Index (CTI)	600	V	IEC 60112

### Moisture Absorption

Egenskap	V�rde	Enhet	Provningsstandard
Water absorption to saturation	0.2	%	ISO 62
Water Absorption to Saturation	0.2	%	ISO 62

### Impact Resistance

Egenskap	V�rde	Enhet	Provningsstandard
Notched impact strength (Charpy)	9	kJ/m��	ISO 179/1eA
Impact Resistance (Charpy)	7.7	kJ/m��	ISO 179

### Thermal Expansion

Egenskap	V�rde	Enhet	Provningsstandard
Thermal Expansion Coefficient	1.6	10���/K	ISO 11359-2

## Hardness

Egenskap	V�rde	Enhet	Provningsstandard
Hardness Shore D	72	� Shore D	ISO 868
Ball pressure hardness	110	MPa	ISO 2039

## Godk nnanden

- EU 10/2011
- FDA
- REACH
- RoHS